

AFTERSCHOOL TRAINING TOOLKIT

Investigating Science Through Inquiry

Physical Science: Sink or Float?
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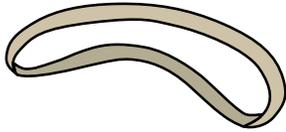
Use the following graphic organizer and pictures to help students keep track of which objects float and which objects sink. You may want to create your own larger graphic organizer to include more items.

1. Using the page of pictures, ask students to predict whether each item will sink or float.
2. Ask students to cut out the pictures of the things they are testing. If you are using additional items, provide a similar sheet with pictures of those items or ask students to draw each item on the finished piece.
3. Once students have tested an item, they should glue or tape the picture of that item in the appropriate place above or below the water line. Some objects will float at the top of the water, some will be partially submerged, and some will sink to the bottom.
4. When students have finished, they should have a piece of paper with pictures of things that float at the top of the water line, things that are partially submerged, and things that sink to the bottom. The graphic organizer should reflect where each item falls along the water line.
5. Ask students to think about why some things float and other things sink.
 - What do the items that float have in common?
 - What do the items that sink have in common?
 - What did they learn about things that sink and things that float?

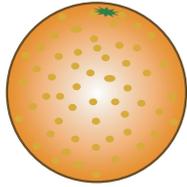
Things That Float



Things That Sink



Rubber Band



Orange



Lava Rock



Marble



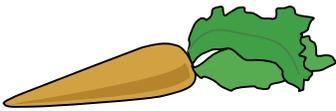
Nail



Paperclip



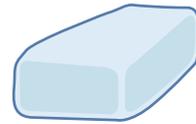
Pencil



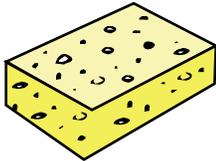
Carrot



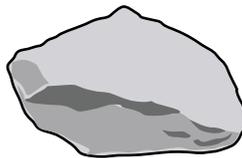
Leaf



Soap



Sponge



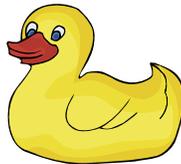
Rock



Stick or Twig



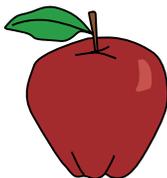
Sinker



Rubber Ducky



Boat



Apple



Penny



Crayon